

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 02/02500

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 212 390 B1 (RUNE JOHAN) 3 April 2001 (2001-04-03) abstract column 5, line 60 -column 7, line 57 column 9, line 47 - line 56	1-29
X	US 2002/082017 A1 (HATTORI KIYOSHI) 27 June 2002 (2002-06-27) abstract paragraph '0034! - paragraph '0035! paragraph '0043! - paragraph '0047! paragraph '0058! - paragraph '0060!	1-29
A	US 2002/077103 A1 (BONTA JEFFREY D) 20 June 2002 (2002-06-20) column 7, line 21 - line 46 column 18, line 21 - line 25 abstract	1-29

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*&\* document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

3 March 2003

27/03/2003

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**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 669 061 A (SCHIPPER JOHN F) 16 September 1997 (1997-09-16) page 9, line 17 - line 30 page 14, line 31 -page 15, line 3 page 34, line 14 - line 18 -----	1-29

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte ~~nter~~ Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6212390	B1	03-04-2001	SE AU EP JP SE WO	514266 C2 6126798 A 0962114 A1 2001512639 T 9700596 A 9837722 A1		29-01-2001 09-09-1998 08-12-1999 21-08-2001 21-08-1998 27-08-1998
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US 2002077103	A1	20-06-2002	WO	02067622 A2		29-08-2002
US 5669061	A	16-09-1997	US US	6198930 B1 6038444 A		06-03-2001 14-03-2000